

ABSTRACT

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A motor includes a surface mountable motor base having (a) a base, (b) a bearing supporter extending from the base for supporting a bearing, (c) a stator supporter concentric with the bearing supporter for supporting a stator, and (d) a terminal for connection to a winding of the stator, the terminal exposed on a bottom of the motor base and extending substantially parallel to the base. This structure solves difficulties of mini-motors such as difficulties of handling the motor, difficulties of mating those elements with each other, and time-consuming bonding. A method of assembling the same motor achieves high productivity.